

HDMI 201 A D

HDMI TWISTED PAIR EXTENDER WITH AUDIO - DECORA® WALLPLATE

- ▶ Transmits HDMI, audio, and control signals over CATx cables
- ▶ Sends 720p, 1080i, and XGA (1024x768) signals over 200 feet (60 meters), 1080p/60 and 1920x1200 signals over 100 feet (30 meters) with standard CAT 5e cable
- ▶ HDCP compliant
- ▶ Bidirectional RS-232/IR pass-through
- ▶ Transmits additional stereo audio signals
- ▶ Remote powering of transmitter or receiver



HDMI 201 A D Tx

HDMI 201 A D Rx

The Extron HDMI 201 A D extender sends HDMI and audio signals, plus bidirectional control signals up to 200 feet (60 meters) on two CATx cables. The HDCP-compliant extender maintains superior image quality while offering aesthetically pleasing integration in a wide range of environments.



Extron® Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

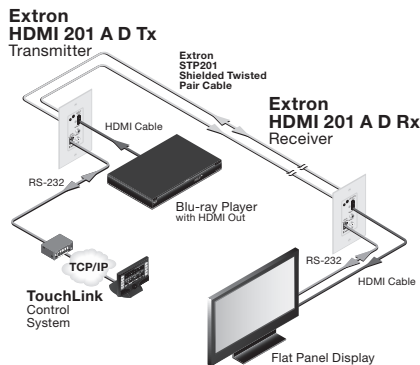
The Extron **HDMI 201 A D** is a Decora-style transmitter and receiver set that enables HDMI signals to be carried over distances significantly beyond the capability of standard HDMI or DVI cables. In addition, it can accept and transmit stereo audio and RS-232 or IR signals. Linked together using two economical and integration friendly CAT 5e, CAT 6, CAT 7, or Extron STP201 cables, the HDMI 201 A D transmitter and receiver work together to send HDMI or single link DVI-D signals over 200 feet (60 meters) for HDTV and XGA 1024x768.

For convenient, streamlined system integration, the HDMI 201 A D supports transmission of balanced or unbalanced stereo audio signals, when a separate audio cable is installed between the transmitter and the receiver. RS-232 or IR signals from a control system can also be transmitted over the same cabling as the HDMI signals, providing remote control of a projector or flat-panel display. Additionally, either the transmitter or receiver can be remotely powered over this cabling, so that external power is necessary for only one of the devices.

FEATURES

- ▶ Transmits HDMI, audio, and control signals over two CATx cables
- ▶ Sends 720p, 1080i, and XGA (1024x768) signals over 200 feet (60 meters), 1080p/60 and 1920x1200 signals over 100 feet (30 meters)
- ▶ HDCP compliant
- ▶ Extron strongly recommends using individually shielded twisted pair cabling for optimal performance
- ▶ Supports EDID and HDCP transmission
- ▶ Transmits additional stereo audio signals
- ▶ Remote powering of transmitter or receiver
- ▶ Bidirectional RS-232/IR pass-through
- ▶ Energy-efficient external universal power supply included with Tx models and Tx/Rx sets, part # 70-775-01

APPLICATION DIAGRAM



SPECIFICATIONS

VIDEO		
Maximum data rate	4.95 Gbps (1.65 Gbps per color)	
Maximum pixel clock	165 MHz	
Resolution range	Up to 1920x1200 or 1080p @ 60 Hz	
VIDEO INPUT — TX UNITS		
Number/signal type	1 single link HDMI (or DVI-D*)	
INTERCONNECTION BETWEEN TRANSMITTER AND RECEIVER		
Connectors	2 female RJ-45 per unit for 2 cables connecting the transmitter and receiver	
Signal transmission distance		
1920x1200 or 1080p @ 60 Hz		
Extron STP201 cable	Up to 150' (45 m)	
CAT 5/5e/6 STP	Up to 125' (38 m)	
CAT 5/5e/6 UTP	Up to 100' (30 m)	
720p/1080i or 1024x768 @ 60 Hz		
CAT 5/5e/6 UTP or STP or Extron STP201	200' (60 m)	
NOTE: Shielded twisted pair cable provides added protection from outside interference and increases overall signal transmission distance. Extron strongly recommends using shielded twisted pair for optimal performance.		
VIDEO OUTPUT — RX UNITS		
Number/signal type	1 single link HDMI (or DVI-D*)	
AUDIO INPUT		
Number/signal type		
HDMI 201 A D Tx	1 stereo, unbalanced	
HDMI 201 A D Rx	1 stereo, balanced/unbalanced	
AUDIO OUTPUT		
Number/signal type		
HDMI 201 A D Tx	1 stereo, balanced/unbalanced	
HDMI 201 A D Rx	1 stereo, unbalanced	
CONTROL/REMOTE — External device (pass-through)		
Serial control port input		
Transmitter	RS-232 via (1) 3.5 mm, 3 pole captive screw connector	
GENERAL		
Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts	
Enclosure dimensions		
Device	2.7" H x 1.8" W x 1.25" D (6.9 cm H x 4.6 cm W x 3.2 cm D) (Height excludes mounting tabs, depth excludes connectors.)	
Model	Version Description	Part number
HDMI 201 A D Tx/Rx	Transmitter/Receiver Set - Black	60-864-02
HDMI 201 A D Tx/Rx	Transmitter/Receiver Set - White	60-864-03
HDMI 201 A D Tx	Transmitter - Black	60-864-12
HDMI 201 A D Tx	Transmitter - White	60-864-13
HDMI 201 A D Rx	Receiver - Black	60-864-22
HDMI 201 A D Rx	Receiver - White	60-864-23

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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